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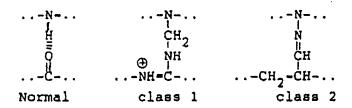
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Polypeptides stabilized by covalent hydrogen bond replacements.

© Polypeptides are restricted to particular conformations in solution by replacing one or more hydrogen bonds with covalent hydrogen bond mimics of class 1 or class 2:



The polypeptides thus stabilized are capable of greater biological activity.

## EUROPEAN SEARCH REPORT

Application Number

EP 89 30 3469

DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document with indication, where appropriate, Relevan				alovant	CI ASSISTATION OF THE	
Category		evant passages		o cialm	CLASSIFICATION OF THE APPLICATION (Int. CI.5)	
×	OGY, new series, vol. 69, F ING, AND DESIGN, 1987, I New York, US; T. ARRHEN	LECULAR AND CELLULAR EPROTEIN STRUCTURE, FOL pages 453-465, Alan R. Liss, IIUS et al.: "The chemical syn using covalent hydrogen-bond	D- Inc., nthe-	5	C 07 K 7/00 C 07 K 7/02 C 07 K 3/08 C 07 K 5/08	
X	& Co. (Publishers) Ltd; A.C	of peptidyl immunogens with		5		
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	The present search report has i	been drawn up for all claims				
_	Place of search Date of completion of search				Examiner	
	The Hague	24 May 91			RAJIC M.	
Y: p A: t O: r	CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same catagory A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention			E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons  a: member of the same patent family, corresponding document		